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(71) Applicant: MORITETSUKU:KK
(72) Inventor: MORITA SEIICHI

(54) ENVELOPE CARRYING DEVICE

(57) Abstract:

PROBLEM TO BE SOLVED: To surely feed even envelopes different in thickness separately one by one by providing a control part for stopping a sending-out part when the front edge of an envelope is detected by the envelope sensor of a double feeding preventing part and the superposed feeding preventing part when the same is detected by the envelope sensor of a processing part.

SOLUTION: An envelope 34 is placed between a roller R5 and a friction member 42 and surely prevented from being fed with another envelope. When an envelope sensor S3 detects the front edge of the envelope 34, a motor M2 is stopped. Since the front part of the envelope 34 is already fed being held between the rollers

R4 and R5 and the friction members 40 and 42 by this time, feeding of the envelope 34 is smoothly performed. When the front edge of the envelope 34 is detected by the sensor S3, a motor M4 is started. Then, when the front edge of the envelope 34 is placed between a roller R6 and a belt 56 or a drum 52, the envelope 34 is fed being held therebetween. When the envelope 34 is detected by a sensor S4, the motor M3 is stopped.

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